

**ULTRAVIOLET ENERGY CURABLE TAPE AND METHOD OF MAKING A  
SEMICONDUCTOR CHIP USING THE TAPE**

**ABSTRACT**

5     There is provided a UV energy curable tape comprising an  
adhesive material including a UV energy curable oligomer, a  
UV energy initiator, and a material which emits optical light  
when the tape composition is substantially fully cured. A  
semiconductor chip made using the tape is also provided.